








Used in Lieu of PTO/SB/08A/B
(Based on PTO 04-07 version)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/650,449-Conf. #7321	
			Filing Date	August 27, 2003	
			First Named Inventor	Michael L. Robinson	
			Art Unit	1649	
			Examiner Name	O. Chernyshev	
Sheet	1	of	3	Attorney Docket Number	28335/39524A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	C1	Accession No. AC003964, "Homo Sapiens Chromosome 16 BAC Clones SK-A-011E12," (2002).		
	C2	Accession No. AC0027201, "Homo Sapiens Chromosome 16 Clone RP11-424M24," (2000).		
	C3	Accession No. AC069308, "Mus Musculus Strain C57BL6/J Chromosome 8 RPC123-21B7," (2002).		
	C4	Accession No. AC100405, "Homo Sapiens Chromosome 1 Clone RP11-240C17," (2003).		
	C5	Accession No. AC130459, "Homo Sapiens Chromosome 1 Clone CTA-427H10," (2000).		
	C6	AL-SHROOF et al., "Ciliary Dyskinesia Associated with Hydrocephalus and Mental Retardation in a Jordanian Family," <i>Mayo Clin. Proc.</i> , 76(12): 1219-1224 (2001).		
	C7	BANNISTER, "Some Scanning Electron Microscopic Observations of the Ependymal Surface of the Ventricles of Hydrocephalic Hy3 Mice and a Human Infant," <i>Acta Neurochir</i> , 46:159-168 (1979).		
	C8	BERRY, "The Inheritance and Pathogenesis of Hydro-Cephalus-3 in the Mouse," <i>J. Path. Bact.</i> , 81:157-161 (1961).		
	C9	BLAKE et al., "The Mouse Genome Database (MGD): The Model Organism Database for the Laboratory Mouse," <i>Nucl. Acids Res.</i> , 30: 113-115 (2002).		
	C10	BRONSON et al., "Hydrocephalus with Hop Gait (<i>hyh</i>): A New Mutation on Chromosome 7 in the Mouse," <i>Brain Res. Dev. Brain Res.</i> , 54: 131-136 (1990).		
	C11	CALLEN et al., "Re-Evaluation of GM2346 From a Del(16)(q22) to T(4;16)(q35;q22.1)," <i>Clin. Genet.</i> , 38:466-468 (1990).		
	C12	CASTRO-GAGO et al., "Autosomal Recessive Hydrocephalus with Aqueductal Stenosis," <i>Childs Nerv. Syst.</i> 12: 188-191 (1996).		
	C13	CHOW et al., "Autosomal Recessive Hydrocephalus with Third Ventricle Obstruction," <i>Am. J. Med Genet</i> , 35:310-313 (1990).		
	C14	CHUDLEY et al., "Bilateral Sensorineural Deafness and Hydrocephalus Due to Foramen of Monro Obstruction in Sibs: A Newly Described Autosomal Recessive Disorder," <i>Am. J. Med Genet.</i> , 68: 350-360 (1997).		

Examiner Signature	/Olga Chernyshev/	Date Considered	05/05/2008
--------------------	-------------------	-----------------	------------

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /OC/

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/650,449-Conf. #7321
				Filing Date	August 27, 2003
				First Named Inventor	Michael L. Robinson
				Art Unit	1649
				Examiner Name	O. Chernyeshev
Sheet	2	of	3	Attorney Docket Number	28335/39524A

C15	CLARK, "Hydrocephalus, A Hereditary Character in the House Mouse," <i>Proc. Natl. Acad. USA</i> , 18:654-656 (1932).		
C16	DAHME et al., "Disruption of the Mouse L1 Gene Leads to Malformations of the Nervous System," <i>Nature Genetics</i> , 17:346-349 (1997).		
C17	DAS NEVES et al., "Disruption of the Murine Nuclear Factor I-A Gene (Nfia) Results in Perinatal Lethality, Hydrocephalus, and Agenesis of the Corpus Callosum," <i>Proc. Natl. Acad. Sci. USA</i> , 96: 11946-11951 (1999).		
C18	DAVIES et al., "A Detailed Investigation of Two Cases Exhibiting Characteristics of the 6p Deletion Syndrome," <i>Hum. Genet.</i> , 98: 454-459 (1996).		
C19	DICKIE, "New Mutations," <i>Mouse News Lett.</i> , 39: 27 (1968).		
C20	DONNAI et al., "What's New in the Genetics of Hydrocephalus and Spina Bifida? The Casey Holter Memorial Lecture 1993," <i>Eur. J. Pediatr. Surg.</i> , 3(suppl. 1): 5-7 (1993).		
C21	FALCONER et al., "Dreher, Ein Neues Gen der Tanzmausgruppe Dei der Hausmaus," <i>Indukt. Abstamm. Vererbungsl</i> , 84: 71-73 (1951).		
C22	FRANSEN et al., "The Clinical Spectrum of Mutations in L1, a Neuronal Cell Adhesion Molecule," <i>Am. J. Med Genet</i> , 64: 73-77 (1996).		
C23	FRANSEN et al., "L1-Associated Diseases: Clinical Geneticists Divide, Molecular Geneticists Unite," <i>Hum. Mol. Genet</i> . 6:1625-1632 (1997).		
C24	FRANSEN et al., "L1 Knockout Mice Show Dilated Ventricles, Vermis Hypoplasia and Impaired Exploration Patterns," <i>Hum. Mol. Genet.</i> , 7: 999-1009 (1998).		
C25	FRYNS et al., "Interstitial 16q Deletion with Typical Dysmorphic Syndrome," <i>Ann Genet.</i> , 24:124-125 (1981).		
C26	GALBREATH et al., "Overexpression of TGF- β 1 in the Central Nervous System of Transgenic Mice Results in Hydrocephalus," <i>J. Neuropathol. Exp. Neurol.</i> , 54: 339-49 (1995).		
C27	GAME et al., "Fetal Growth Retardation, Hydrocephalus, Hypoplastic Multilobed Lungs, and Other Anomalies in 4 Sibs," <i>Am. J. Med Genet.</i> , 33: 276-279 (1989).		
C28	GRÜNEBERG, "Congenital Hydrocephalus in the Mouse, a Case of Spurious Pleiotropism," <i>J. Genet.</i> , 45: 1-28 (1943).		
C29	HOLLANDER, "Hydrocephalic-Polydactyl, a Recessive Pleiotropic Mutant in the Mouse, and its Location in Chromosome 6," <i>Iowa State J. Res.</i> , 51: 13-23 (1976).		
C30	HOMANICS et al., "Targeted Modification of the Apolipoprotein B Gene Results in Hypobetalipoproteinemia and Developmental Abnormalities in Mice," <i>Proc. Natl. Acad. Sci. USA</i> , 90: 2389-2393 (1993).		
C31	HUANG et al., "apo B Gene Knockout in Mice Results in Embryonic Lethality in Homozygotes and Neural Tube Defects, Male Infertility, and Reduced HDL Cholesterol Ester and apo A-I Transport Rates in Heterozygotes," <i>J. Clin. Invest.</i> 96: 2152-2161 (1995).		
C32	IBÁÑEZ-TALLON et al., "Loss of Function of Axonemal Dynein <i>Mdnah5</i> Causes Primary Ciliary Dyskinesia and Hydrocephalus," <i>Hum. Mol. Genet.</i> , 11: 715-721 (2002).		
C33	KITAZAWA et al., "Elevation of Transforming Growth Factor- β 1 Level in Cerebrospinal Fluid of Patients with Communicating Hydrocephalus after Subarachnoid Hemorrhage," <i>Stroke</i> , 25: 1400-1404 (1994).		
C34	KUME et al., "The Forkhead/Winged Helix Gene Mf1 is Disrupted in the Pleiotropic Mouse Mutation <i>congenital hydrocephalus</i> ," <i>Cell</i> , 93: 985-996 (1998).		
C35	LINDEMAN et al., "A Specific, Nonproliferative Role for E2E-5 in Choroid Plexus Function Revealed by Gene Targeting," <i>Genes Dev.</i> , 12: 1092-1098 (1998).		
C36	McNEISH et al., "Phenotypic Characterization of the Transgenic Mouse Insertional Mutation, <i>Legless</i> ," <i>J. Exp. Zool.</i> , 253: 151-162 (1990).		
C37	MELTON, "Gene Targeting in the Mouse," <i>Bioassays</i> , 16: 633-638 (1994).		
C38	MILLONIG et al., "The Mouse <i>Dreher</i> Gene Lmx1a Controls Formation of the Roof Plate in the		
Examiner Signature	/Olga Chernyshev/	Date Considered	05/05/2008

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /OC/

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/650,449-Conf. #7321
				Filing Date	August 27, 2003
				First Named Inventor	Michael L. Robinson
				Art Unit	1649
				Examiner Name	O. Chernyeshev
Sheet	3	of	3	Attorney Docket Number	28335/39524A

		Vertebrate CNS," <i>Nature</i> , 403: 764-769 (2000).	
	C39	NARITOMI et al., "16q21 is Critical for 16q Deletion Syndrome," <i>Clin. Genet.</i> , 33:372-375 (1988).	
	C40	REICHLER et al., "Primary Ciliary Dyskinesia with Situs Inversus Totalis, Hydrocephalus Internus and Cardiac Malformations in a Dog," <i>J. Small Anim. Pract.</i> , 42:345-348 (2001).	
	C41	SAKURAGAWA et al., "Clinical and Molecular Genetics of Inherited Hydrocephalus," <i>Cong. Anom.</i> , 34: 303-310 (1994).	
	C42	SCHRANDER-STUMPEL et al., "Spectrum of X-Linked Hydrocephalus (HSAS), MASA Syndrome, and Complicated Spastic Paraplegia (SPG1): Clinical Review with Six Additional Families," <i>Am. J. Med Genet.</i> , 57: 107-116 (1995).	
	C43	TADA et al., "Induction of Communicating Hydrocephalus in Mice by Intrathecal Injection of Human Recombinant Transforming Growth Factor- β 1," <i>J. Neuroimmunol.</i> , 50: 153-158 (1994).	
	C44	TAULMAN et al., "Polaris, a Protein Involved in Left-Right Axis Patterning, Localizes to Basal Bodies and Cilia," <i>Mol. Biol. Cell</i> , 12: 589-599 (2001).	
	C45	TAYSI et al., "A Terminal Long Arm Deletion of Chromosome 16 in a Dysmorphic Infant: 46,XY,del(16)(w22)," <i>Birth Defect</i> , 14:343-347 (1978).	
	C46	TEEBI et al., "Autosomal Recessive Nonsyndromal Hydrocephalus," <i>Am. J. Med Genet.</i> , 31: 467-470 (1988).	
	C47	WYSS-CORAY et al., "Increased Central Nervous System Production of Extracellular Matrix Components and Development of Hydrocephalus in Transgenic Mice Overexpressing Transforming Growth Factor- β 1," <i>Am. J. Pathol.</i> , 147: 53-67 (1995).	
	C48	ZIMMERMANN, "Eine Neue Mutation der Hausmaus: „hydrocephalus," <i>Z. Indukt. Abstamm. Vererbungsl.</i> , 64: 176-180 (1933).	
	C49	ZLOTOGORA et al., "Familial Hydrocephalus of Prenatal Onset," <i>Am. J. Med Genet.</i> , 49: 202-204 (1994).	
	C50	ZLOTOGORA et al., "Genetic Disorders Among Palestinian Arabs. 2. Hydrocephalus and Neural Tube Defects," <i>Am. J. Med Genet.</i> , 71: 33-35 (1997).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Olga Chernyshev/	Date Considered	05/05/2008
--------------------	-------------------	-----------------	------------

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /OC/